

Chapter Four Mitigation Goals and Actions

4.1 Goals

The Dallas County Local Mitigation Strategy corporately assessed the mitigation goals of the Dallas County area. The following goals and objectives were identified:

Goal 1 Reduce or eliminate loss of life and property damage resulting from severe weather events.

Objective 1-A Update, enhance, and enforce building codes and ordinances to ensure structures are more disaster resistant

Objective 1-B Maintain existing codes and ordinances that require front end mitigation of hazards

Objective 1-C Limit development in flood plain areas

Goal 2 Identify and implement hazard mitigation projects to reduce the impact of hazard events and disaster.

Objective 2-A Identify areas where repetitive damages occur during chronic hazard events

Objective 2-B Buy-out repetitive loss properties

Objective 2-C Incorporate disaster resistant features in government facilities and infrastructure

Objective 2-D Expand and coordinate Early Warning Systems currently in use.

Goal 3 Increase public support and understanding of hazard mitigation and disasters.

Objective 3-A Provide public education materials to residents and private sector

Objective 3-B Encourage private sector participation in future mitigation efforts

Objective 3-C Encourage public participation in future mitigation efforts

Objective 3-D Heighten public awareness for natural and man-made hazards

Goal 4 Reduce losses and repetitive damages for chronic hazard events while promoting insurance coverage for catastrophic hazards

Objective 4-A Increase participation in the National Flood Insurance Program (NFIP) and Community Rating System (CRS)

Goal 5 Continue to build capacity for hazard mitigation in Dallas County

Objective 5-A Continue partnerships within the Local Mitigation Strategy and NCTCOG to enhance mitigation planning efforts

Objective 5-B Identify federal and state programs that provide financial assistance to help attract funds for mitigation projects and programs

Objective 5-C Promote land use for public recreation

4.2 Action Items

Each participating jurisdiction's Hazard Mitigation Planning Team (HMPT) in the Dallas County Local Mitigation Strategy collaboratively created action items based upon the direction of the city/county as identified in Capitol Improvement Plans, special projects, and available funding such as grants. Action Items answer the following questions:

1. Action Item Title
2. Hazard(s) Addressed
3. Goal
4. Priority
5. Estimated Cost
6. Potential Funding Sources
7. Lead Agency/Department Responsible
8. Implementation Schedule

Hazard Mitigation Team representatives met as a Local Mitigation Strategy to further analyze the mitigation needs as a county.

Cost Benefit Analysis The comprehensive range of specific mitigation actions and projects being considered in the DaLMS has been determined by the contributing participating jurisdiction's HMPT. Each mitigation action item table the priority is indicated as High, Medium, or Low. The priorities were determined by the HMPT by examining available jurisdictional funding, local priorities, economic impact, and comparison to special projects, Capitol Improvement Plans, plans and studies, and the benefit of the mitigation action in comparison to another or to no action at all.

Farmers Branch	Mitigate power outages caused by high winds or lightning during Tornado and severe weather by installing lightning rods on the city's radio communications sites. These are integral to the City's ability to effectively communicate before, during, and after any major disaster. Mitigating this hazard will ensure their proper functioning.
Objective(s) Addressed	2-C
Hazard(s) Addressed	Tornado, High Winds, Severe Weather
Priority (High, Medium, Low):	High
Estimated Cost	\$60,000
Potential Funding Sources	City Budget or grant funds
Lead Agency/Department	CIS
Implementation Schedule	Immediately after funding

Farmers Branch	EOC Enhancement Provide Greater protection of the Farmers Branch Emergency Operation Center by hardening exteriors and providing storm shutters.
Objective(s) Addressed	1-B
Hazard(s) Addressed	Tornado
Priority (High, Medium, Low):	Medium
Estimated Cost	\$100,000
Potential Funding Sources	CIP and Mitigation Grants
Lead Agency/Department	Police Department
Implementation Schedule	1-2 years or when funds are available

Farmers Branch	Public Education: Develop a comprehensive public education and planning program for tornado safety and other hazardous conditions.
Objective(s) Addressed	3-D
Hazard(s) Addressed	Tornado
Priority (High, Medium, Low):	High
Estimated Cost	\$40,000
Potential Funding Sources	General Fund and Mitigation Grants
Lead Agency/Department	Fire Department
Implementation Schedule	1-2 Years

Farmers Branch	Sandbagging Program: Develop a sandbagging program to protect the Valwood Improvement Authority Levees in the case of diminishing structural integrity during periods of
Objective(s) Addressed	2-A
Hazard(s) Addressed	Levee Failure
Priority (High, Medium, Low):	Medium
Estimated Cost	\$25,000
Potential Funding Sources	City's General Fund, Federal Grants and Valwood Improvement
Lead Agency/Department	Farmers Branch Fire Department
Implementation Schedule	1-2 years

Farmers Branch	Lightning protection/alarms: These systems are integral to the lives of citizens and employees who work and play at our outdoor recreation and sports facilities during periods of severe weather and storms that produce cloud to
Objective(s) Addressed	2-C
Hazard(s) Addressed	Lightning
Priority (High, Medium, Low):	Medium
Estimated Cost	\$6,000/each
Potential Funding Sources	City Budget & Hazard Mitigation Grants
Lead Agency/Department	PARD
Implementation Schedule	Within one year of funding.

Farmers Branch	Code Red: Reduce loss of life and or property damage due to severe weather through the implementation of the Code Red or reverse 911 alerting systems.
Objective(s) Addressed	2-D
Hazard(s) Addressed	High Winds
Priority (High, Medium, Low):	Medium
Estimated Cost	\$7,000
Potential Funding Sources	Existing City Budget
Lead Agency/Department	Emergency Management
Implementation Schedule	1-2 years

Farmers Branch	Individual Safe Room Program: Provide individual safe room program
Objective(s) Addressed	3-A
Hazard(s) Addressed	Tornados
Priority (High, Medium, Low):	Medium
Estimated Cost	\$10,000/each
Potential Funding Sources	City Budget & Hazard Mitigation Grants
Lead Agency/Department	Fleet & Facility Maintenance
Implementation Schedule	Within one year of funding.

Farmers Branch	Install an automatic barrier at the low-water bridge on southbound Marsh Lane over Farmers Branch Creek.
Objective(s) Addressed	2-A
Hazard(s) Addressed	Flooding
Priority (High, Medium, Low):	High

Estimated Cost	\$75,000
Potential Funding Sources	City of Farmers Branch Capital Improvement Fund or Federal
Lead Agency/Department	City of Farmers Branch Engineering Department
Implementation Schedule	1-2 years

Farmers Branch	Replace low-water bridge at southbound Marsh Ln. and Farmers Branch Creek.
Objective(s) Addressed	1-A
Hazard(s) Addressed	Flooding
Priority (High, Medium, Low):	Medium
Estimated Cost	\$805,000
Potential Funding Sources	City of Farmers Branch Capital Improvement Fund or Federal
Lead Agency/Department	City of Farmers Branch Engineering Department
Implementation Schedule	3-5 Years or when funds are available

New Goals

Farmers Branch	Harden Fire Apparatus Bay Doors: To protect Fire and EMS apparatus parked in Fire Stations and to ensure their ability to operate after a severe weather event
Objective(s) Addressed	2-C
Hazard(s) Addressed	Tornados
Priority (High, Medium, Low):	Medium
Estimated Cost	\$50,000/Station
Potential Funding Sources	City Budget & Hazard Mitigation Grants
Lead Agency/Department	Fire Department
Implementation Schedule	Within one year of funding.

Farmers Branch	Lightning Rods throughout City: Including EOC at Fire Station #3, Pump stations and Lift Stations.
Objective(s) Addressed	2-C
Hazard(s) Addressed	Lightning
Priority (High, Medium, Low):	
Estimated Cost	\$250,000
Potential Funding Sources	
Lead Agency/Department	
Implementation Schedule	

Farmers Branch	Vector Control Mitigation: Minimize Risk for Vector Bourne Diseases (including West Nile Virus).
Objective(s) Addressed	
Hazard(s) Addressed	Vector Control
Priority (High, Medium, Low):	High
Estimated Cost	\$80,000
Potential Funding Sources	City Budget & Hazard Mitigation Grants
Lead Agency/Department	Environmental Health
Implementation Schedule	Seasonal

Farmers Branch	Animal Welfare: Microchips for Canine & Feline animals to reunite them with their owners after a disaster and identifying deceased animals
Objective(s) Addressed	
Hazard(s) Addressed	Animal Welfare & Disasters
Priority (High, Medium, Low):	High
Estimated Cost	\$30,000
Potential Funding Sources	City Budget & Hazard Mitigation Grants
Lead Agency/Department	
Implementation Schedule	Annually

